Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



+ More Important Publications Dealing With Forest Influences

Issued 1939 - 1945 - (Compiled by H. F. Morey, May 1946)

the tree of the particle of the property of

人名美国拉克斯克克 电影性表示 人名英格兰人名

Arend, J. L.

1941. Infiltration as affected by forest floor. Soil Sci. Soc. Amer. Proc. 6: 430-435.

Arend, John L. and Horton, Robert E.

1942. Some effects of rain intensity, erosion and sedimentation on infiltration capacity.

Soil Sci. Soc. Amer. Proc. 7: 82-89.

Arend, John L. and Knight, D. Manley

1940. A portable infiltrometer and unit system for determining relative infiltration rates.

Central States Forest Experiment Station, Tech. Note 11.

Augustine, Marshall T.

Auten, John T.

1940. Reconstruction of the hardwood forest soil profile by vegetative cover.

Soil Sci. Soc. Amer. Proc. 4: 345.

- 1941. Black locust, pines, and sassafras as builders of forest soil. Central States Forest Exp. Sta. Tech. Note 32.
- 1941. Forest soil properties associated with continuous cak, old-field pine, and abandoned field cover in Vinton Co., Ohio.

 Central States Forest Exp. Sta. Tech. Note 34.

Bailey, Reed W.

1941. Mountain floods and vegetation.
6th Pac. Sci. Cong. Proc. 4: 731-736.

- 1941. Land erosion normal and accelerated --- in the semi-arid West. Amer. Geophys. Union Trans. pp. 241-250.
- 1945. Determining trend of range-watershed condition essential to success in management.

 Jour. Forestry. 43: 733-737.

Barnes, F. F., Kraebel, C. J., and LaMotte, R. S.

1939. Effect of accelerated erosion on silting in Morena reservoir,

San Diego County, California, U.S. Dept. Agr. Tech. Bul. 639. 22 pp.

Bates, C. G.

1939. Symposium on "Forest Influence" studies and methodology. Chron. Bot. (Plant Sci. Digest) 5(2/3): 184-188.

Bates, C. G. and Stoeckeler, J. H.

1942. Planting to control drifts on highways. Engin. News Rec. 129: 70-74.

Behre, C. E.

1942. Are further studies needed on the relation of forests to water supply in New England?

Amer. Waterworks Assoc. Jour. 46: 170-175.

Belotelkin, K. T.

1940. Soil freezing and forest cover.
Northeastern For. Exp. Station. Tech. Note 37.

Bermel, K. J.

1940. Transient flood peaks (Discussion)
Amer. Soc. Civil Engin. Proc. 66: 995-1002.

Bodman, G. B. and Colman, E. A.

1944. Moisture and energy conditions during downward entry of water into soils.

Soil Sci. Soc. Amer. Proc. 8: 116-122.

Buck, Charles C. and Hughes, John E.

1939. The solvent distillation method for determining the moisture content of forest litter.

Jour. Forestry. 37: 645-651.

Collett, M. H.

1940. A calibrated beam for use in gaging small streams. Jour. Forestry. 38: 66-68.

Colman, E. A.

1944. Contribution to the report of the American Geophysical Union committee on transpiration and evaporation, 1942-43.

Amer. Geophys. Union Trans. pp. 401-402.

1944. The dependence of field capacity upon the depth of wetting of field soils.
Soil Sci. 58: 43-50.

Colman, E. A. and Bodman, G. B.

1945. Moisture and energy conditions during downward entry of water into moist and layered soils.

Soil Sci. Soc. Amer. Proc. 9: 3-11.

Colman, E. A. and Hamilton, E. L.

1944. The San Dimas water-stage transmitter. Civil Engin. 14: 257-258.

Connaughton, C. A.

1939. Watershed management - more than mere protection.
Jour. Forestry. 37: 341-342.

1940. Range and watershed problems. Jour. Forestry. 38: 164-169.

1943. Mountain water yield as a factor in multiple land use. Jour. Forestry. 41: 641-644.

- 1943. Watershed management and conservation.
 Rocky Mountain For. and Range Exp. Sta. 6 pp. mimeographed.
- Connaughton, C. A. and Wilno, H. G.

 1944. Post-war management of western forested watershed lands for
 water production.

 Amer. Geophys. Union Trans. Part I, pp. 36-39.
- Cooperrider, C. K., Cassidy, H. O., and Niederhof, C. H.
 1945. Forecasting stream-flow of the Salt River, Arizona,
 Amer. Geophys. Union Trans. 26: 275-282.
- Croft. A. R. and Marston, Richard B.
 1943. Some recharge-phenomena of a Wasatch plateau watershed.
 Amer. Geophys. Union Trans. Part II, 460-465.
- Croft, A. R., Woodward, Lowell, and Anderson, Dean 1943. Measurement of accelerated erosion of range watershed land. Jour. Forestry. 41: 112-116.
- Davis, W. E.

 1939. Measurement of precipitation above forest canopies.

 Jour. Forestry. 37: 324-329.
- Diebold, C. H.
 1940. Strip planting for flood control.
 Jour. Forestry. 38: 810-12.
- Dunford, E. G. and Niederhof, C. H.

 1944. The influence of aspen, young lodgepole pine and open grassland types upon factors affecting water yield.

 Jour. Forestry. 42: 673-677.
- Goodell, B. C.
 1939. A soil boring tool for frost determination.
 Jour. Forestry. 37: 457-459.
- 1939. Soil freezing as affected by vegetation and slope aspect.
 Jour. Forestry. 37: 626-629.

 Goodell, Bertram C. and Roberts, Kenneth L.
- Goodell, Bertram C. and Roberts, Kenneth L.

 1941. Test of snow-sampling tubes of large and small diameter.

 Amer. Geophys. Union Trans. pp. 151-152.
- Hamilton, E. L.
 1943. A system for the synchronization of hydrologic records.
 Amer. Geophys. Union Trans. Part II, 624-632.
 - 1945. Rainfall measurement as influenced by storm-characteristics in southern California mountains.

 Amer. Geophys. Union Trans. Part III, pp. 502-518.
- Hayes, G. L.

 1944. A method for measuring rainfall on windy slopes.

 Monthly Weather Rev. 72: 111-114.

Hendricks, B. A.

1941. Effect of forest litter on soil temperature. Chron. Bot. 6: 440-441. the state of the s

1942. Effect of grass litter on infiltration of rainfall on granitic soils in a semi-desert shrub grass area. Southwestern For. & Range Exp. Sta. Res. Note 96.

Hoover, M. D. and Hursh, C. R. 1943. Installation of shallow observation wells. Appalachian For. Exp. Sta. Tech. Note 56, mimeographed.

Hursh, C. R. 1941. The geomorphic aspects of mudflows as a type of accelerated erosion in the Southern Appalachians. Amer. Geophys. Union Trans. Part II, pp. 253-254.

1942. Stabilization of road banks. Better Roads. 12: 13-15.

1944. Water storage limitations in forest soil profiles. Soil Sci. Soc. Amer. Proc. 8: 412-414.

Hursh, C. R. and Brater, E. F.

1941. Separating storm-hydrographs from small drainage-areas into surface and subsurface-flow. Amer. Geophys. Union Trans. Part III, pp. 863-870.

Hursh, C. R. and Fletcher, P. W. 1942. The soil profile as a natural reservoir. Soil Sci. Soc. Amer. Proc. 7: 480-486.

Hursh, C. R. and Hoover, M. D. 1941. Soil profile characteristics pertinent to hydrologic studies in the Southern Appalachians. Soil Sci. Soc. Amer. Proc. 6: 414-422.

1944. Influence of topography and soil depth on run-off from forest land. Amer. Geophys. Union Trans. Part II, pp. 693-697.

Hursh, C. R., Hoover, M. D., and Fletcher, P. V.

1942. Studies on the balanced water economy of experimental drainage Amer. Geophys. Union Trans. Part II. pp. 509-517.

Fons, Wallace L.

1940. Influence of forest cover on wind velocity. Jour. Forestry. 38: 481-486.

Frank, Bernard

1941. Headwater highways - a new forest menace. Jour. Forestry. 39: 291-296.

1939. Reduction of spruce and fir litter by minute animals. Jour. Forestry. 37: 858-860. .

Johnson, Paul B.

1943. A nomograph for the integration of stream-flow records. A nomograph for the integration.

Civil Engin. 13: 494-496.

Johnson, W. M.

1940. Infiltration capacity of forest soil as influenced by litter. Jour. Forestry. 6: 520.

The interception of rain and snow by a forest of young ponderosa 1942. pine. Amer. Geophys. Union Trans. Part II, pp. 566-569.

Johnson, W. M. and Niederhof, C. H.

1941. Some relationships of plant cover to run-off, erosion, and infiltration on granitic soils. Jour. Forestry. 39: 854-858.

Kotok, E. I.

Watershed management for water protection. Southern California 1939. Water and Soil Conservation Conference, Los Angeles, Calif. pp. 1-4, mimeographed.

Kotok, E. I.

The forester's dependence on the science of meteorology. 1940. Amer. Met. Soc. Bul. 21: 383-384, 397-406.

Kraebel, C. J.

1940. Reduction in debris load through soil conservation and watershed management. Proceedings meeting of the Southern California coastal drainage basin committee, Los Angeles, October 10, 1940. pp. 20-23, mimeographed.

C. J. and Sinclair, J. D.

Kraebel, C. J. and Sinclair, J. D. 1985

1940. The San Dimas experimental forest.

Amer. Geophys. Union Trans. Part I, pp. 84-92.

McGinnies, Wm. G. and Arnold, J. F.

1939. Relative water requirement of Arizona range plants. Ariz. Univ. Tech. Bul. 80, pp. 167-246.

McGinnies, Wm. G. 1939. Soil-collecting trenches as substitutes for temporary check dams in reforesting gullies. Jour. Forestry. 37: 764-769.

Morey, Harold F.

The application of our knowledge of the organic layers of the 1942. soil profile to flood control (with discussion by Wm. Mollenhauer, Jr.). Proc. Hydrology Conference, State College, Pa., June -July 1941. School of Engin. Tech. Bul. 27, pp. 143-151.

- Munns, E. N. and Frank, Bernard
 - 1945. Watershed flood control: performance and possibilities.

 Jour. Forestry. 43: 236-251.
- Niederhof, C. H.
 - 1943. Improving stream-flow predictions by the use of past records.

 Amer. Geophys. Union Trans. Part III, pp. 8-11.
- Niederhof, C. H. and Dunford, E. G.
 - 1942. The effect of openings in a young lodgepole pine forest on the storage and melting of snow.

 Jour. Forestry. 40: 802-804.
 - 1942. Some possible errors in snow sampling:
 Amer. Geophys. Union Trans. (Abstract) Part II, p. 557.
- Niederhof, C. H. and Stahelin, R.
 - 1942. Climatic conditions within and adjacent to a forest plantation in the Nebraska sandhills.

 Jour. Forestry. 40: 244-248.
- Pierce, Raymond W., Mitchell, Harold L., and Tuthill, Frank F.
 1941. Snow survey report. Allegheny Watershed, 1940.
 Allegheny For. Exp. Sta., Philadelphia, Pa. Jan. 8, 1941, mimeo.
- Roeser, J.
 - 1940. The water requirement of Rocky Mountain conifers. Jour. Forestry 38: 24-26.
- Rowe, P. B.
 - 1940. The construction, operation, and use of the North Fork infiltrometer. Flood Control Coordinating Committee, Misc. Pub. No. 1, and California For. and Range Exp. Station Misc. Pub. No. 1. 64 pp.
- 1940. The North Fork infiltrometer, an instrument for measuring the infiltration capacities of soils.

 Jour. Forestry. 38: 588-589.
 - 1941. Some factors of the hydrology of the Sierra Nevada foothills.

 Amer. Geophys. Union Trans. pp. 90-100.
 - 1943. Discussion of "Role of land during flood periods."

 Amer. Soc. Civ. Engin. Proc. 69 (10): 1616-1618.
- 1943. A method of hydrologic analysis in watershed management.

 Amer. Geophys. Union Trans. Part II, pp. 632-643.
 - Scholz, Harold F. and Stoeckeler, J. H.
 - 1940. A lysimeter installation for studying forest influence problems.

 Jour. Forestry. 38: 256-260.
 - Sinclair, J. D.
 - 1940. The San Dimas Experimental Forest.
 Amer. Geophys. Union Trans. Part. I, pp. 84-92.

- Stoeckeler, J. H. and Bates, C. G. And Advantages of porous soils for trees.

 Jour. Forestry. 37: 205-221.

while with the first the same to

- Storey, H. C.

 1941. Topographic influences on precipitation. Proc. 6th. Pacific Science Congress. Berkeley, Stanford, and San Francisco, 1939.

 4: 985-993.
- Storey, H. C. and Hamilton, E. L.
 1943. A comparative study of rain-gages.
 Amer. Geophys. Union Trans. Part I, 134-141.
- Storey, H. C. and Wilm, H. G.
 1944. A comparison of vertical and tilted rain gages in estimating precipitation on mountain watersheds.

 Amer. Geophys. Union Trans. Part III, pp. 518-523.
- Southwestern Forest and Range Experiment Station 1940. The role of vegetation on steep mountain slopes. Southwestern For. and Range Exp. Station. Tech. Note 85.
- Turner, Lewis M.

 1939. Forest-land use and the soil profile.

 Soil Sci. Soc. Amer. Proc. 4: 343-345.
- U. S. Department of Agriculture. Flood Control Survey Reports.

 1941. Survey Report for the Los Angeles River Watershed. 77th Congress,

 1st Session. House Doc. No. 426. 66 pp. illus.
 - 1942. Survey Report on the Trinity River Watershed. 77th Congress, 2d Session. House Doc. No. 708. 66 pp. illus.
 - 1942. Survey of the Little Tallahatchie Watershed in Mississippi.
 77th Congress, 2d Session. House Doc. No. 892. 74 pp. illus.
 - 1943. Survey of the Coosa River Watershed in Georgia and Tennessee. 78th Congress, 1st Session. House Doc. No. 236. 46 pp. illus.
 - 1943. Watershed of the Little Sioux River. 78th Congress, 1st Session. House Doc. No. 268. 24 pp. illus.
 - 1943. Potomac River Drainage Basin Va:, W. Va., Md., and Pa. 78th Congress, 1st Session. House Doc. No. 269. 38 pp. illus.
 - 1943. Middle Colorado River Watershed Texas. 78th Congress, 1st Session. House Doc. No. 270. 25 pp. illus.
 - 1943. Watershed of the Washita River (Oklahoma and Texas). 78th Congress, 1st Session. House Doc. No. 275. 31 pp. illus.

- 1944. Survey Roport on Santa Ynez River Watershed, California.
 78th Congress, 2d Session. House Doc. No. 518. 31 pp. illus.
- 1944. Survey of the Yazoo River Watershed in Mississippi. 78th Congress, 2d Session. House Doc. No. 564. 58 pp. illus.
- 1944. Survey of the Buffalo Creek Watershed in New York. 78th Congress, 2d Session. House Doc. No. 574. 43 pp. illus.
- Wilm, H. G.
 - 1940. Discussion of "Pressure-momentum theory applied to broadcasted weirs."

 Amer. Soc. Civ. Engin. Proc. 66: 565-570.
 - 1941. A portable electric water stage recorder.

 Civ. Engin. 11: 305.
 - 1941. Methods of measurement of infiltration.

 Amer. Geophys. Union Trans. Part III, pp. 678-686.
 - 1941. Watershed management research in the Rocky Mountain region.
 (Parts I, II, III) Colorado Engin. Bul. May, June, July 1941.

<u>Constitution of the second constitution of the </u>

- 1942. New gaging station for mountain streams.

 Civ. Engin. 12: 548-549.
- 1943. Efficient sampling of climatic and related environmental factors. Amer. Geophys. Union Trans. Part I, pp. 208-212.

- 1943. Soil moisture under a coniferous forest.

 Amer. Geophys. Union Trans. Part III, pp. 11-13.
- 1943. Determining net rainfall under a conifer forest.

 Jour. Agr. Res. 67: 501-512.
- 1944. The application and measurement of artificial rainfall on the types FA and F infiltrometers.

 Amer. Geophys. Union Trans. Part II, pp. 480-485.
- 1944. Statistical control of hydrologic data from experimental watersheds.

 Amer. Geophys. Union Trans. Part II, pp. 618-622.
 - 1944. The effect of timber cutting in a lodgepole pine forest on the storage and melting of snow.

 Amer. Geophys. Union Trans. Part I, pp. 153-155.

Wilm, H. G. and Collett, M. H.

1940. The influence of a lodgepole-pine forest on storage and melting of snow.

Amer. Geophys. Union Trans. Part II, pp. 505-508.

Wilm, H. G. and Dunford, E. G.

1941. Problem analysis - forest influences.

Rocky Mountain Forest and Range Exp. Station. 82 pp. mimeo.

Wilm, H. G., Nelson, A. Z., and Storey, H. C.

1939. An analysis of precipitation measurements on mountain watersheds. Monthly Weather Rev. 67: 163-172.

Wilm, H. G. and Niederhof, C. H.

1941. Interception of rainfall by mature lodgepole pine. Amer. Geophys. Union Trans. Part III, pp. 660-666.

Wilm, H. G. and Storey, H. C.

1944. Velocity-head rod calibrated for measuring stream flow. Civ. Engin. 14: 475-476.

Wood, O. M.

1939. The use of "Gooseneck" and Six's thermometers for measuring soil temperature.

Jour. Forestry. 37: 421-3.

Woodward, Lowell

1943. Infiltration capacities of some plant-soil complexes on Utah range watershed-lands.

Amer. Geophys. Union Trans. pp. 468-473.

Forest Service

TAKE THE RESERVE . Program in the Control State of the Control State LACT CONTRACTOR FOR THE